

100

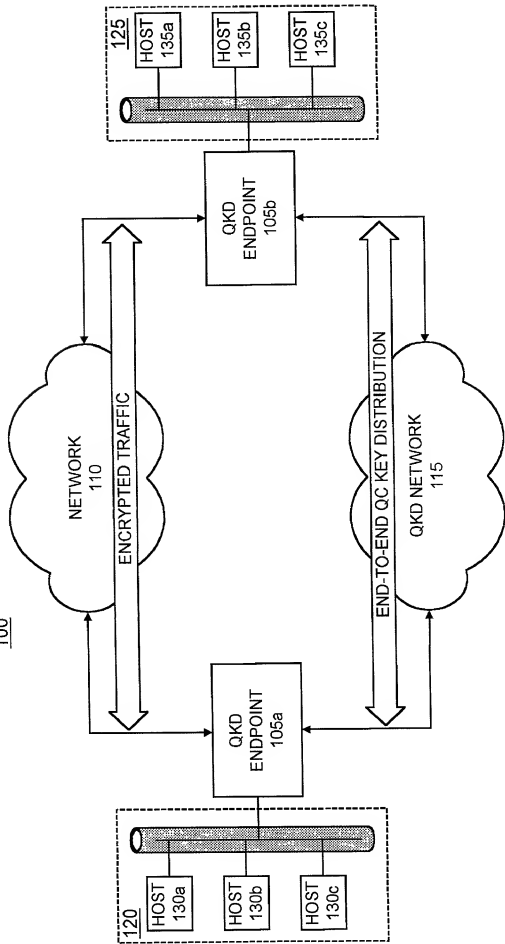


FIG. 1

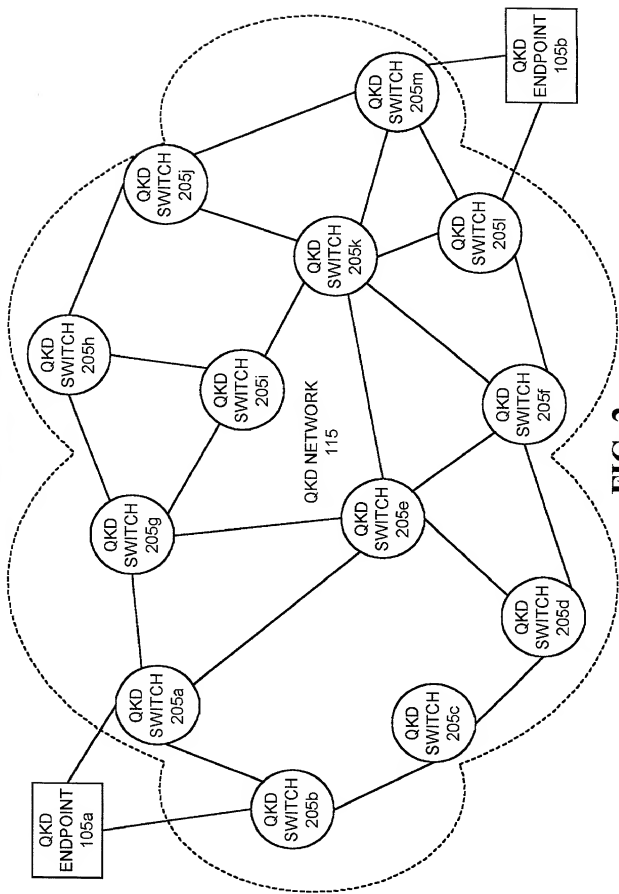


FIG. 2

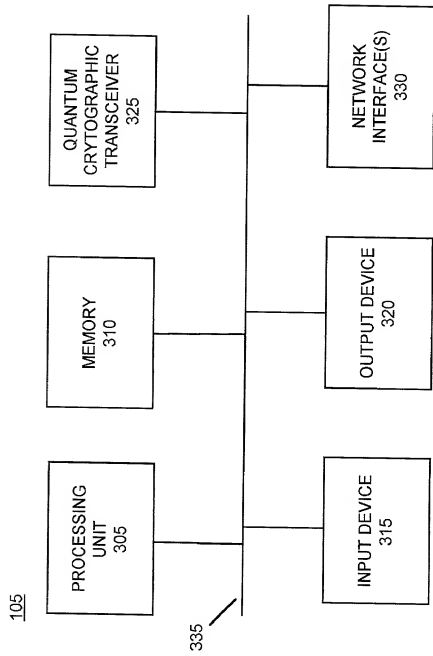


FIG. 3A

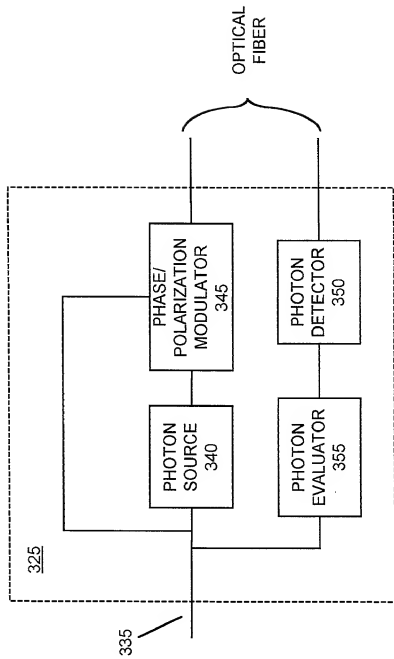


FIG. 3B

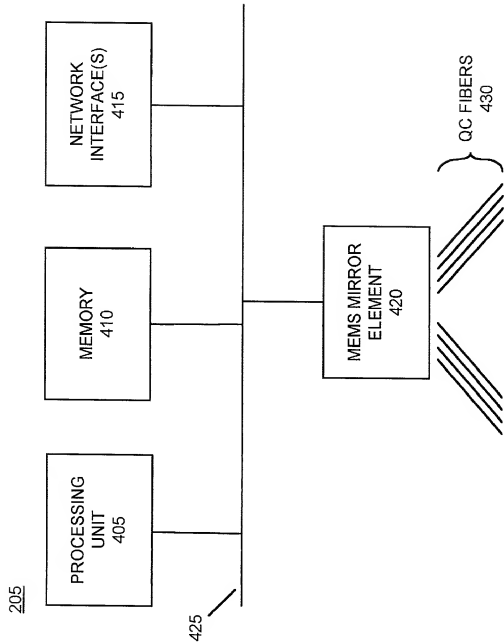


FIG. 4

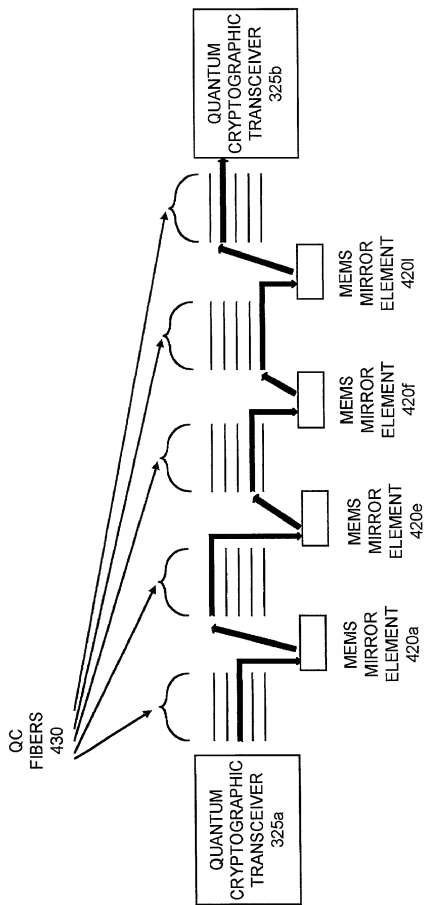


FIG. 5

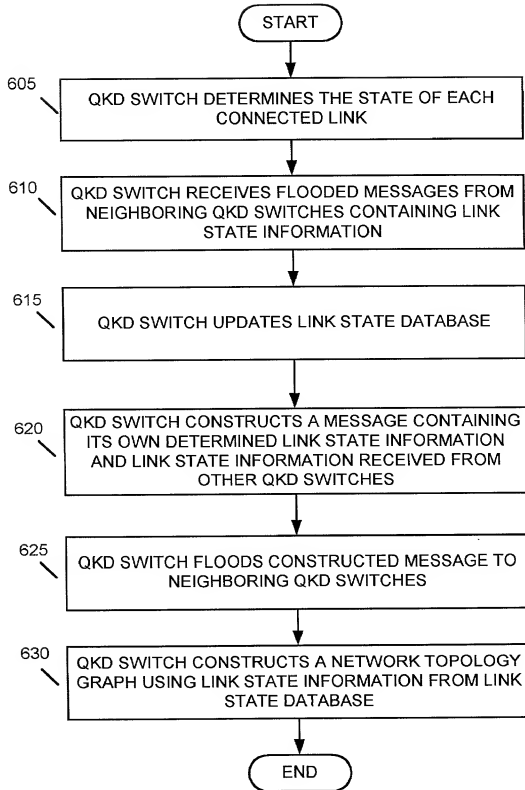
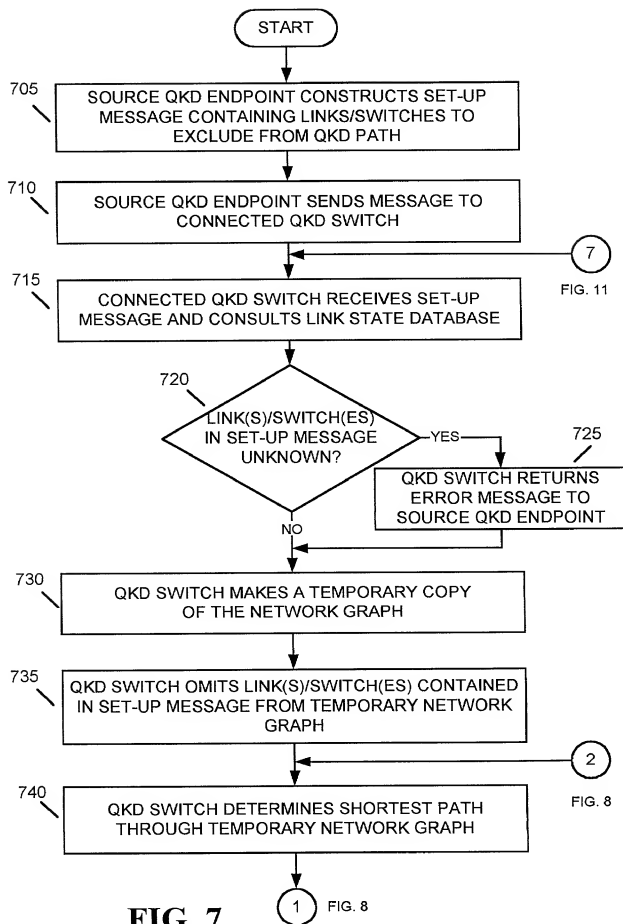


FIG. 6



1 FIG. 7

805 QKD SWITCH SENDS CONTROL MESSAGES TO EACH QKD SWITCH ALONG SHORTEST PATH FOR QKD PATH SET-UP

810
NACK MESSAGE OR
NO ACK/NACK MESSAGE
RECEIVED FROM EACH QKD
SWITCH?

NO

YES

815

QKD SWITCH OMITTS FROM TEMPORARY NETWORK
GRAPH THE QKD SWITCH(ES) FROM WHICH A NACK
OR NO ACK/NACK MESSAGE WAS RECEIVED

FIG. 7

2

820 QKD SWITCH RESPONDS TO SOURCE QKD ENDPOINT
WITH SET-UP OK MESSAGE CONTAINING QKD PATH
IDENTIFIER AND LINKS/SWITCHES IN PATH

825 QKD SWITCH STORES QKD PATH IDENTIFIER AND
LINKS/SWITCHES OF QKD PATH

END

FIG. 8

0943700 02340 10320 002460

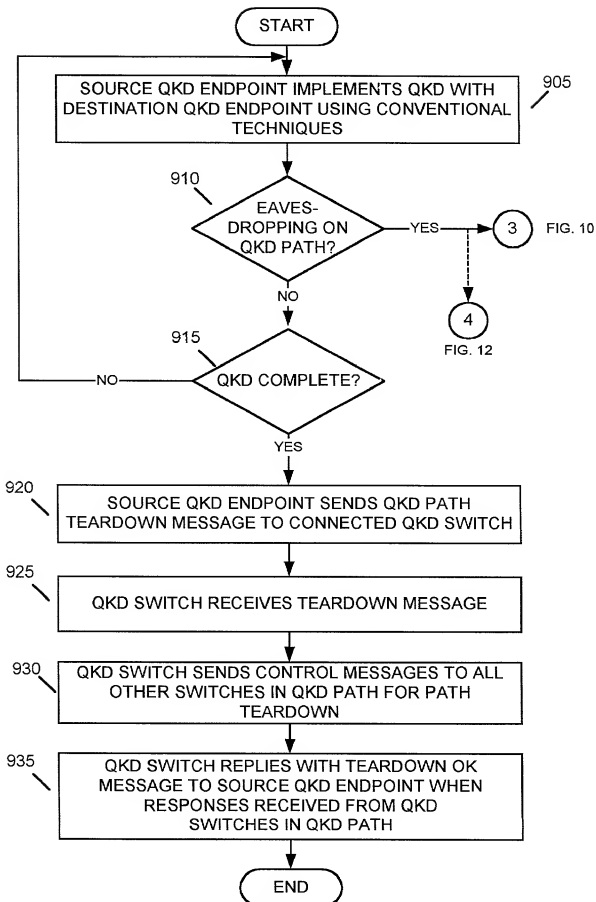


FIG. 9

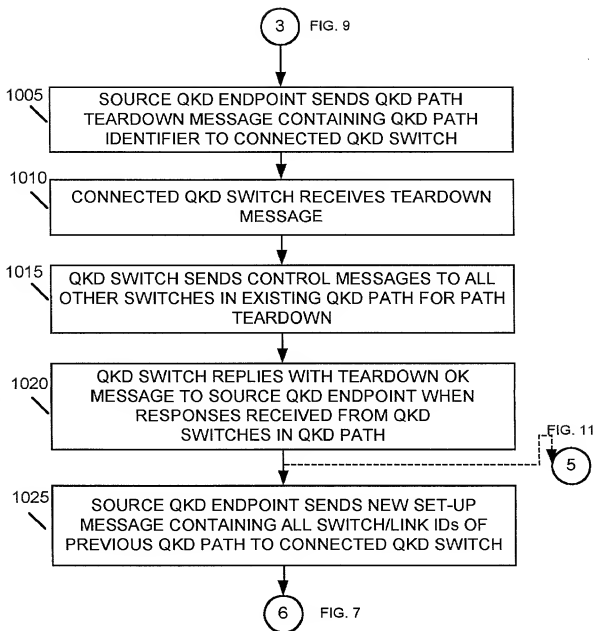


FIG. 10

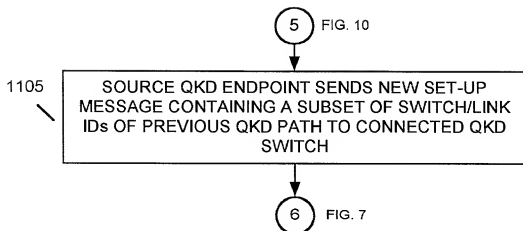


FIG. 11

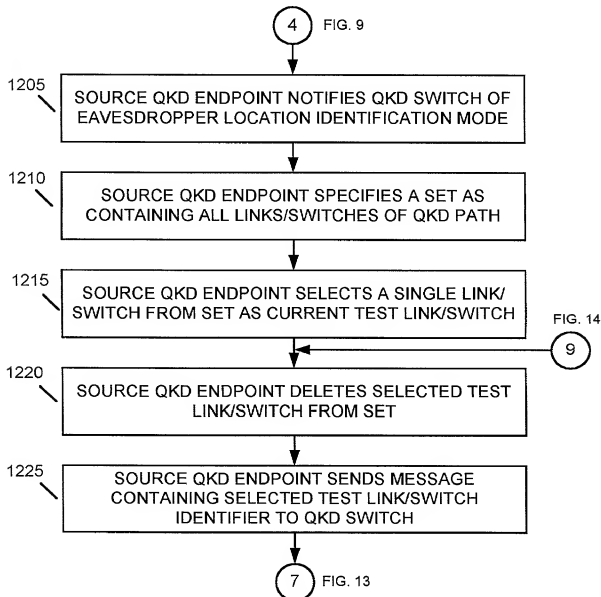


FIG. 12

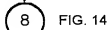


FIG. 13

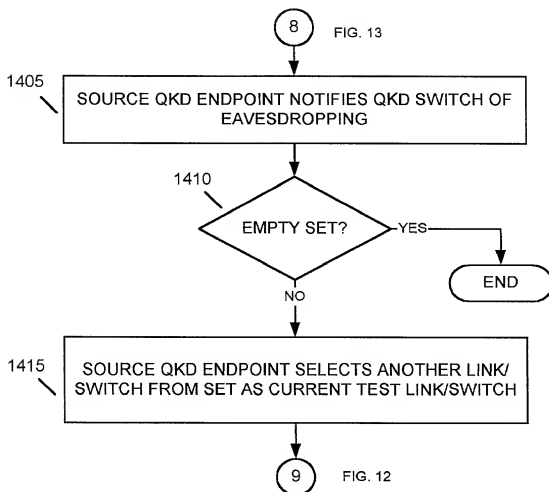


FIG. 14